

**Building Renewal Grant Application**

**Initial Submission Date:**

**Resubmittal Date:**

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

**District Name:** Tempe Union High School District

**Superintendent:** Dr. Kenneth Baca

**Contact Person:** Bob Anderson

**Contact Phone Number:** 480-345-3727

**Contact Email:** banderson@tuhsd.k12.az.us

**School Site:** Desert Vista High School

**Buildings:**

1001	A - 1st Floor
1002	B - 1st Floor
1003	C - 1st Floor
1004	D - 1st Floor
1005	E - 1st Floor
1006	F - 1st Floor
1007	G - 1st Floor
1008	A - 2nd Floor
1009	B - 2nd Floor
1010	C - 2nd Floor
1011	D - 2nd Floor
1012	E - 2nd Floor
1014	Caretaker D - 2nd Floor
1015	temporary
1016	H
9999	School Wide

**Description of Problem**

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

## Building Renewal Grant Application

We have experienced at Desert Vista High School a high failure rate of fan coil units in the HVAC system. Through investigation, we have discovered that the closed loop system was contaminated with fine particles during the leak in 2009. These sediments are very fine and were not caught by the strainers in the system. It was determined that these particles were like sandpaper against the tubes in the coils causing the walls to become extremely thin and ultimately fail. There is a total of 248 fan coil units at the site. In the past year, we have replaced 30 units and have spent over a hundred thousand dollars. None of these units would be considered off the shelf. There are unique characteristics to these units, such as coil size capacity, left or right hand ports and the 277 volt 3 phase motors. These units range from \$5,300 to \$8,500 depending on the size and configuration. The proposed bid includes a filter system that would eliminate the remaining fine particles within the closed loop. The District is requesting the School Facilities Board provide matching funds for this project. We are going out for a formal bid to replace the remainder of the units. There are currently 4 units that are down. Our goal is to have a contractor on board on later than the beginning of August which would allow the down units to be replaced at the beginning of the next school year. The remainder of the work would be done throughout the school year and following summer. The approximate cost for the units and filter system is \$1,700,000.

**Project Category:** HVAC

**Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school?** N

### Available Funding

Available Funding Source	Amount
Current unencumbered building renewal fund balance (Fund 690):	\$0.00
Amount of Local funds planned for this project	\$0.00

Please outline any associated insurance coverage.

There is no insurance coverage for these items.

**Liaison:** Cruse

pcruse@azsfb.gov

602-364-1193

\_\_\_\_\_  
Superintendent Printed Name

\_\_\_\_\_  
Superintendent Signature

\_\_\_\_\_  
Date